

Amendments to the Claims:

The following listing of the claims replaces all previous listings and versions of the claims in this application:

Listing of the claims:

1. (Currently Amended) A building element comprising:

a self-supporting glass panel defining an outer circumferential rim including at least two rectilinear segments, a first one of which defines a first length and a second one of which defines a second length, said self-supporting glass panel having a specific coefficient of thermal expansion[[,]];

a first pultruded element having a length corresponding to said first length[[,]];

a second pultruded element having a length corresponding to said second length[[,]];

said first and second pultruded elements being adhered in a high strength integral adhesion to said hardened self-supporting glass panel along said first and second rectilinear segments, respectively[[,]]; and

said pultruded elements having a content of reinforcing fibers for providing a coefficient of thermal expansion of said pultruded elements substantially corresponding to said specific coefficient of thermal expansion.

2. (Currently Amended) The building element according to claim 1, said fibers being glass fibres fibers.

3. (Cancelled)

4. (Previously Presented) The building element according to claim 1, wherein the difference between the coefficient of thermal expansion of said pultruded elements and said specific coefficient of thermal expansion is less than 40%.

5. (Previously Presented) The building element according to claim 1, wherein the content of fibers of said pultruded elements is more than 40% by weight.

6. (Currently Amended) The building element according to claim 1, said first and second pultruded elements being adhered to said self-supporting glass panel by means of at least one of a PU adhesive and an epoxy adhesive.

7. (Currently Amended) The building element according to claim 1, said self-supporting glass panel being a rectangular panel and said first and second rectilinear segments constituting the opposite longer sides of said rectangular glass panel.

8. (Cancelled)

9. (Currently Amended) The building element according to claim 1, wherein said self-supporting glass panel is a first self-supporting glass panel, said building element further comprising a further second self-supporting glass panel positioned in [[space]] a spaced apart relationship relative to said first self-supporting glass panel by means of distance elements for providing a glazed window.

10. (Currently Amended) The building element according to claim [[8]] 9, said distance elements comprising extensions of said pultruded elements.

11. (Currently Amended) The building element according to claim 10, said integral distance element elements further including a vapor absorbing substance.

12. (Currently Amended) The building element according to claim 10, further including a gas tight foil ~~for gas tight sealing the inner space defined between said first and second self-supporting glass panels.~~

13. (Original) The building element according to claim 12, said gas tight foil being integrally included within said distance elements in an integral pultrusion or pultrusion/extrusion process.

14. (Cancelled)

15. (Currently Amended) A method of producing a building element comprising:

providing a self-supporting glass panel defining an outer circumferential rim including at least two rectilinear segments, a first one of which defines a first length and a second one of which defines a second length, said glass panel having a specific coefficient of thermal expansion[[],];

providing a first pultruded element having a length corresponding to said first length[[],];

providing a second pultruded element having a length corresponding to said second length, said pultruded elements having a content of reinforcing fibers for providing a coefficient of thermal expansion of said pultruded elements substantially corresponding to said specific coefficient of thermal expansion[[],]; and

adhering said hardened self-supporting glass panel to said first and second pultruded elements in a high strength integral adhesion along said first and second rectilinear segments, respectively.

16. (Previously Presented) The method according to claim 15, said fibers being glass fibers.

Claims 17-19: (Cancelled)

20. (New) A building structure having at least a part of a facade made from a plurality of building elements, each of the building elements comprising:

self-supporting glass panel defining an outer circumferential rim including at least two rectilinear segments, a first one of which defines a first length and a second one of which defines a second length, said self-supporting glass panel having a specific coefficient of thermal expansion;

a first pultruded element having a length corresponding to said first length;

a second pultruded element having a length corresponding to said second length;

said first and second pultruded elements being adhered in a high strength integral adhesion to said self-supporting glass panel along said first and second rectilinear segments, respectively; and

said pultruded elements having a content of reinforcing fibers for providing a coefficient of thermal expansion of said pultruded elements substantially corresponding to said specific coefficient of thermal expansion;

wherein the building elements are assembled into a multi-element façade structure including some of the building elements extending horizontally and others of the building elements extending vertically.

21. (New) The building structure according to claim 20, wherein said fibers are glass fibers.

22. (New) The building structure according to claim 20, wherein the difference between the coefficient of thermal expansion of said pultruded elements and said specific coefficient of thermal expansion is less than 40%.

23. (New) The building structure according to claim 20, wherein the content of fibers of said pultruded elements is more than 40% by weight.

24. (New) The building structure according to claim 20, wherein said first and second pultruded elements are adhered to said self-supporting said glass panel by means of at least one of a PU adhesive and an epoxy adhesive.

25. (New) The building structure according to claim 20, wherein said self-supporting glass panel is a rectangular panel, and said first and second rectilinear segments constitute the opposite longer sides of said rectangular glass panel.

26. (New) The building structure according to claim 20, wherein said self-supporting glass panel is a first self-supporting glass panel, said building element further comprising a second self-supporting glass panel positioned in a spaced apart relationship relative to said first self-supporting glass panel by a plurality of distance elements.

27. (New) The building structure according to claim 26, wherein said distance elements comprise extensions of said pultruded elements.

28. (New) The building structure according to claim 27, wherein said distance elements further including a vapor absorbing substance.

29. (New) The building structure according to claim 27, further including a gas tight foil between said first and second self-supporting glass panels.

30. (New) The building structure according to claim 29, wherein said gas tight foil is integral-
ly included within said distance elements.